



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Grooms *et al.*

Serial No.: 09/701,933

Filed: 8/25/1998

Title: "Cortical Bone Cervical Smith-
Robinson Fusion Implant"

Group Art Unit: Unknown

Attorney Docket No.: TB1-04IA-US

Assistant Commissioner for Patents
Washington, D.C. 20231

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TECHNOLOGY CENTER R3700

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Certification under 37 CFR 1.97(e), or
☐ a \$240.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Certification under 37 CFR 1.97(e), and
☐ a petition under 37 CFR 1.97(d)(2)(ii), and
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.


The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

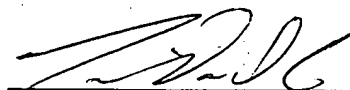
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 11-15-2001

Typed Name: Timothy H. Van Dyke

Signature: 

Respectfully submitted,



Timothy H. Van Dyke
Attorney/Agent for Applicant(s)
Reg. No. 43218


Date: 11-15-2001

Van Dyke & Associates, P.A.
1630 Hillcrest Street
Orlando, FL 32803

Telephone No.: 407-228-0328
Fax No: 407-228-0329

PTO/SB/08A (10-96)
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Substitute for form 1449A/PTO				<div style="text-align: center;">  </div>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	09/701,933
				Filing Date	8/25/1998
				First Named Inventor	Grooms <i>et al.</i>
				Group Art Unit	Unknown
				Examiner Name	Unknown
Attorney Docket Number	TB-104IA-US				
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature		Date Considered	
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/701,933
		Filing Date	8/25/1998
		First Named Inventor	Grooms <i>et al.</i>
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 2 of 2	Attorney Docket Number	TB-104IA-US	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BAILEY, R.W. and BADGLEY, L.E. "Stabilization of the Cervical Spine by Anterior Fusion." J. Bone and Joint Surg. (1960) 42A: 565-594.	
		CLOWARD, R.B. "The Anterior Approach for Removal of Ruptured Cervical Discs." J. Bone and Joint Surg. (1958) 15: 602-617.	
		GROOMS <i>et al.</i> "Success of Surgery on the Anterior Cervical Spine: Smith-Robinson Technique vs. Internal Plates." Clinical Performance of Skeletal Prostheses (1996) L.L. Hench and J. Wilson Eds., Chapman & Hall.	
		ROBINSON, R.A. <i>et al.</i> "The Results of Anterior Interbody Fusion of the Cervical Spine." J. Bone and Joint Surg. (1962) 44A: 1569-1587.	
		ROBINSON, R.A. and SMITH, G.W. "Anterolateral Cervical Disc Removal and Interbody Fusion for Cervical Disc Syndrome." Bull. John Hopkins Hosp. (1955) 96: 223-224.	
		SMITH, G.W. and ROBINSON, R.A. "The Treatment of Certain Cervical-Spine Disorders by Anterior Removal of the Intervertebral Disc and Interbody Fusion." J. Bone and Joint Surg. (1958) 40A: 607-623.	
		WHITE, A.A. III, and HIRSH, C. "An Experimental Study of the Immediate Load Bearing Capacity of Some Commonly Used Iliac Bone Grafts." Acta Orthop. Scandnav. (1972) 42: 482-490.	
		WHITECLOUD, T.S. III and DUNSKER, S. "Anterior Cervical Spine Surgery, Principles and Techniques in Spine Surgery." Raven Press, N.Y. (1993).	

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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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11/15/2001

Docket No: TB-104IA-US
Serial No: 09/701,933
Applicants: Grooms et al.
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For Submission to the USPTO:

1. Information Disclosure Statement
2. Form PTO-1449
3. Copies of cited references (15 total).

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